## 1 Choose the correct answer from those given :

**a** The number equal to **1000** times the number **40**

(**40,000 – 4,000 – 400 – 400,000**)

**b** 2,458 – 1,235 = _____

(**3,692 – 1,223 – 223 – 3223**)

**c** 20 + 17 + 13 = 20 + ( 17 + 13 ) = _____  (_____ Property)

(**Commutative – Associative – Additive identity element**)

**d** 5,000 hg   ⬜   50dg

(**> – < – =**)

## 2 Complete each of the following :

**a** 715 + 199 = 715 + 200 – _____ = _____ – _____ = _____

**b** 3 km , 250 m = _____ m

**c** The value of the digit **5** in the number **3,698,510** is _____

**d** The number **523,641** = _____ ( Estimate the number by the first digit from the left )

## 3 Answer the following questions :

**a** A small ant farm in the form of a rectangle , its dimensions are

20 cm **x** 8 cm , what is the perimeter and the area of an ant farm.

The perimeter = _____ cm

The area = _____ cm²

**b** Round the following numbers as required:

**1** 5,254   (to the nearest **100**)

**2** 56,324   (to the nearest **1,000**)

**1** Choose the correct answer from those given :

**a** The smallest number formed from the digits **5 , 0 , 3 , 1 , 2 , 4** is _____

( **123,450 – 12, 345 – 102,345 – 201,345** )

**b** **5,000,000 + 60.000 + 200 + 5 =** _____

( **5,625 – 5,060,205 – 56,205 – 5,600,205** )

**c** **7,528 ≈** _____ (Round to the nearest ten)

( **7,520 – 7,500 – 7,530 – 7,000** )

**d** **0 + 23 =** _____ ( _____ Property)

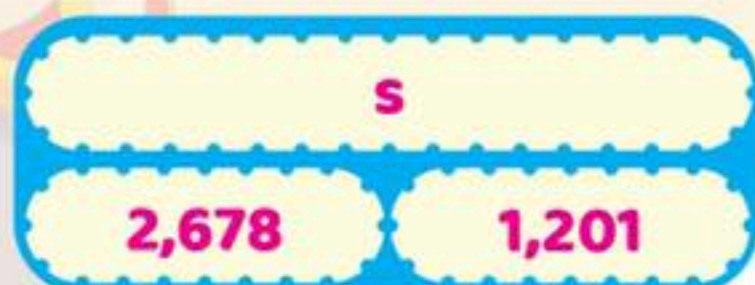(**Commutative – Associative – Additive Neutral element Property**)

**2** Complete each of the following :

**a** _____ is the greatest number formed from **7** digits.

**b** **9,200,080,003 =** _____ + _____ + _____ + _____

**c** **525 – 299 = 525 – 300 +** _____ = _____ + _____ = _____

**d** **7** weeks, **4** days = _____ = _____ days

**3** Answer the following questions :

**a** Write the equation and find the value of the variable in the following:

bar model

| s |
|---|

| 2,678 | 1,201 |
|---|---|

The equation: _____

S = _____

**b** Calculate the area and perimeter of the following shape:

The area = _____

The perimeter = _____

5 cm

4 cm

## Answers

### Model 1

**1** **(a)** 40.000  **(b)** 1,223  **(c)** Associative  **(d)** >

**2** **(a)** $715 + 199 = 715 + 200 - 1 = 915 - 1 = 914$

**(b)** 3,250  **(c)** 500  **(d)** 500,000

**3** **(a)** The perimeter $= (L + W) \times 2 = (20 + 8) \times 2 = 28 \times 2 = 56$ cm

The area $= L \times W = 20 \times 8 = 160$ cm$^2$

**(b)** **①** $5,254 = 5,300$ (to the nearest **100**)

**②** $56,324 = 56,000$ (to the nearest **1,000**)

### Model 2

**1** **(a)** 102,345  **(b)** 5,060,205  **(c)** 7,530

**(d)** $0 + 23 = 0$ (Additive Neutral element Property Property)

**2** **(a)** 9,999,999  **(b)** $9,000,000,000 + 200,000,000 + 80,000 + 3$

**(c)** $525 - 299 = 525 - 300 + 1 = 225 + 1 = 226$

**(d)** 7 weeks, 4 days $= 49 + 4 = 53$ days

**3** **(a)** The equation: $S = 2,678 + 1,201$

$S = 3,879$

**(b)** The area $= L \times W = 5 \times 4 = 20$ cm$^2$

The perimeter $= (L + W) \times 2 = (5 + 4) \times 2 = 9 \times 2 = 18$ cm

# Math December Exam

**Q1- Write each number in the appropriate column . some may go in more than one column .**

758     thirty two     seven    0    9    seventy four

2.100.690    three hundred    1.000    twenty six    forty nine

| Digit | Number | Numeral |
|-------|--------|---------|
|       |        |         |

**Q2 - Compare, write > or < or =    :**

| | | | | |
|---|---|---|---|---|
| 1 | 36.012...............36.120 | 6 | 65+17..................38+43 |
| 2 | 175.000............174.999 | 7 | 290+530............ 732+88 |
| 3 | 526.540............526.450 | 8 | 5.182 + 957...... 3.777+2.350 |
| 4 | 14.000..............140.000 | 9 | 124 - 24  ............ 114 - 14 |
| 5 | 175.362............175.290 | 10 | 3 KG  ......................2500g |

**Q3- Fill in the blanks :-**

A- ............ is 10 times greater than three hundred.

B- ...........is 100 times greater than one hundred thousand.

C- ............is 10 times greater eight thousand.

D- Is the number 4.043 , then 4 in the tens place is ...............times less than 4 in the thousands place .

E- ( 4 ten thousand and 3 tens ) × 100 = .................

F- 6Kg , 50 g = ...............g

G- 112.400 = .............. hundreds.

H- 29.907 ML = ...............L , .................ML .

I- 7 Minutes = ....................Sec .

J- 70 KM = ...........................M .

K- 6.000 MI = ................. ML .

## Q4- use front - end strategy to estimate each of the following:-

a- 6.162.431.562          b- 2846.621.562          d- 78.512.900

## Q5 –use place value strategy to round each of the following :-

| 1 | 2.895 to the nearest 100 ................................. | 4 | 13.999.999 to the nearest hundred ................................. |
|---|---|---|---|
| 2 | 1.856.420 to the nearest 10000 ................................. | 5 | 7.556.462 to the nearest Million ................................. |
| 3 | 174.568 to the nearest 1000 ................................. | 6 | 777.777 to the nearest ten thousand ................................. |

## Q6- choose the correct Answer :

1- If Mohamed rides his cycles 10 km per day then he covers

............in 5 days.

   a - 5km       b- 5.000 m    c- 2 km    d- 50km

2- ( 8 hundreds and 4 ones ) × 100 =............

a- 80.400         b- 8.040         c- 8.400         d- 804.000

3- Which of the following numbers is the largest ?

a- 33.987    b- 43.987        c- 33.978        d- 33.789

4- Which of the following is the least number possible formed from

the digits : 2 , 7 , 0 , 6 , 4

a- 2.467         b- 20.647        c- 20.467    d – 76.420

5- In which number does the 8 have a value of eight hundred ?.......

a- 538.419       b- 781.015       c- 271.825    d- 419.782

6- Choose the number in which the digit 7 has the greatest value ....

a- 821.730.521  b- 152.007.000    c- 51.278.623 d- 7.810.521

7- 150.000 is .................times more than 15.000.

a- 10         b- 100        c- 1.000        d- 10.000

8- Which numbers sentence is NOT TRUE? ............

a- 2.340<2.340   b- 27.920>27.790   c-1.005.301 > 1.050.901   d -80.044 < 80.404

9- Which number could be rounded to 430.000 when rounded to

the nearest ten thousand?

a- 328.782        b- 437.651         c- 435.826        d- 432.198

## Q7- choose the correct property from A to B :

| A | B |
|---|---|
| Associative | 0 + 4.502 |
| commutative | (75+25)+46 = 100+46 |
| Additive identity | 9+21 = 21+9 |

## Q8 – complete a Bar Model:-

| | | |
|---|---|---|
| **A** | 642.781 | X = ............ |
| | 432.750 \| x | |
| **B** | 14.000 | X =............ |
| | x \| 6000 | |
| **C** | x | X =............ |
| | 2500 \| 8000 | |
| **d** | 935.075 | X =............ |
| | 725.625 \| x | |

## Q9 – Match with the Correct Answer:-

| A | 1 day , 10 Hours | | 1 | 4:18 |
|---|---|---|---|---|
| B | 3 : 25 + 45 Minutes | | 2 | 60 Hours |
| C | 5:43 – 1:25 | | 3 | 34 hours |
| d | 2 days , 12 Hours | | 4 | 4 : 10 |

4

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## Q10 – Calculate the perimeter of the shapes that follow. Use two different formulas to solve:-

**1**

- First Formula ....................
- Second formula.................

4cm

.

**2**

- First Formula .................
- Second formula...............

4cm

6 cm

انتهت الاسئلة مع تمنياتي بالنجاح والتوفيق

| الدرجة الإجمالية | ممتاز<br>من 32 الي 40 | جيد<br>من 25 وحتي 32 | مقبول<br>من 20 وحتي 25 | ضعيف<br>أقل من 20 |
|---|---|---|---|---|
| | | | | |

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## primary 4 – Math     Model (A)

## Choose

1) The smallest 7-digits number is …….

(9,999,999 or 1,000,000 or 1,023,456)

2) The place value of the digit 5 in 5,069,420,000 is

………     (5,000,000,000 or 5,000,000 or

50,000,00)

3) (8 tens , 7 ones ) x 10=………..                    (870 or

8,700 or 85,588)

4) 45,000m=………km.                             (45 or

45,000,000 or 4,500)

5) 30kg + 125 g=………..g.                    (3,125 or

31,250 or 30,125 )

6) 6:25 + 2:45 =…….:……..                           (4:03

or 9:10 or 8:08)

7) 70+0=70.        (…….. probably).

(Neutral element or

Commutative or Associative)

8) 56,986,475=……….       ( To the nearest 100,000)

(56,986,000 or 57,000,000 or 56,000,000)

## *Make a Bar Model*

X+125=207

Solution:…….

## *Read and answer*

Salma trains to swim for an hour and 15 minutes.

If she starts at 5:35 , when will Salma finish training?

…………………………………………………………………………………………
………

| ……………………… | |
|---|---|
| ………… | ………… |

## Test 1

Complete:

① $(8 \times 1,000,000) + (5 \times 10,000) + (6 \times 100) + (8 \times 1) = \cdots$

② $5\ 3\ 7\ 2\ 5\ 4\ 6 \simeq \cdots$      rounded to nearest 10 000

③ Five million, six hundred thousand and fifty

     $= \cdots$

④ The place value of 8 in 3. 827 165 333

     is $\cdots$

⑤ The additive identity element in addition is $\cdots$

⑥ $3\ 6\ 0\ 0\ 0\ 0 = \cdots$ thousand

⑦ $6\ 4\ 0\ 0\ 0\ 0$ is $\cdots$ times more than 6400

⑧ 8 km and 20 m $= \cdots$ m
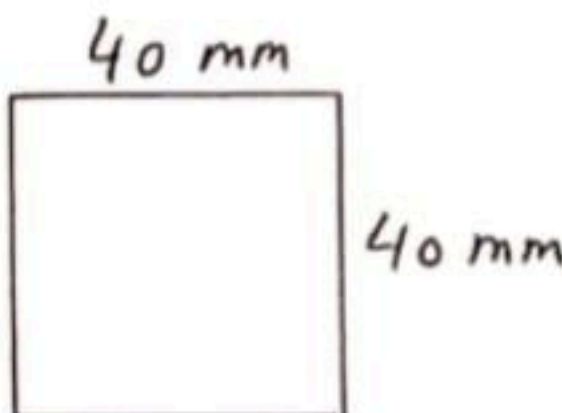
⑨ $\cdots : \cdots$

⑩ If $x + 6 = 20$ then $x = \cdots$

## Test 2

① The digit ...... in hundred thousand place in the numeral 4375628

② (8 ten thousand and 5 tens) × 10 = ....

③ 2 000 000 + 8000 + 600 + 4 = ......

④ The missing digit such that 7365 > 7□65
( 3 , 4 , 2 , 5 )

⑤ The smallest 6-different digit number is . ...

⑥ 56 + 0 = 56 ( ........ property)

⑦ 65278 ≈ ........ (use front end strategy)

⑧ 24600 mL = .... L , ..... mL

⑨ 3 weeks , 4 days = ..... days

⑩ In opposite figure
perimeter = .... cm
Area = .... cm

6 cm

8 cm
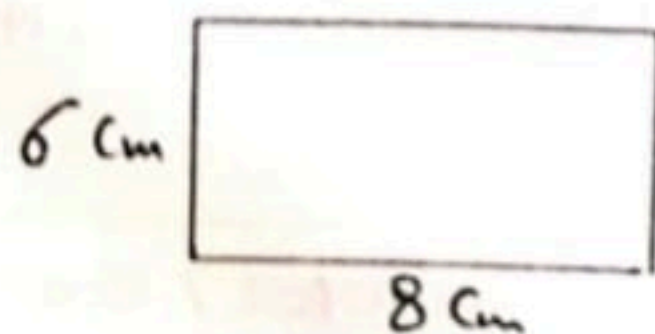
# Test 3

① The value of 6 in 365274 is ..........

② 260 thousand = ..... hundreds

③ 3:45 + 4:55 = ..... : .....

④ ........ is 100 times greater than two thousand

⑤ In opposite figure

Perimeter =

Area =



40 mm

40 mm

⑥ 8 kg , 45 g = ........ g

⑦ 3 + (97 + ·····) = (3 + 97) + 15 (·········· Property)

⑧ 46 375 ≃ ........ (round to nearest ten)

⑨ The smallest number formed from 6, 3, 0, 7, 9

is ........

⑩ If $x - 8 = 14$ then $x = .....$

# Test 4

① which of following is the least Capacity

( 7000 mL , 15 L , 2500 mL , 4200 mL)

② 3 minutes , 40 Seconds = ...... seconds

③ .......... is 10 times hundred thousand

④ If $12 - m = 3$ then $m = $ .....

⑤ $35 + 66 = 66 + 35$ ( .......... property)

⑥ $1 3 579 628 \approx$ ............ round to nearest million

⑦ A square of side length 5 Cm

   its perimeter = ..... Cm

   its area = ..... $cm^2$

⑧ Four milliard, sixty two million, five thousand and seventeen = ......

⑨ The greatest 6 different digit number is- .....
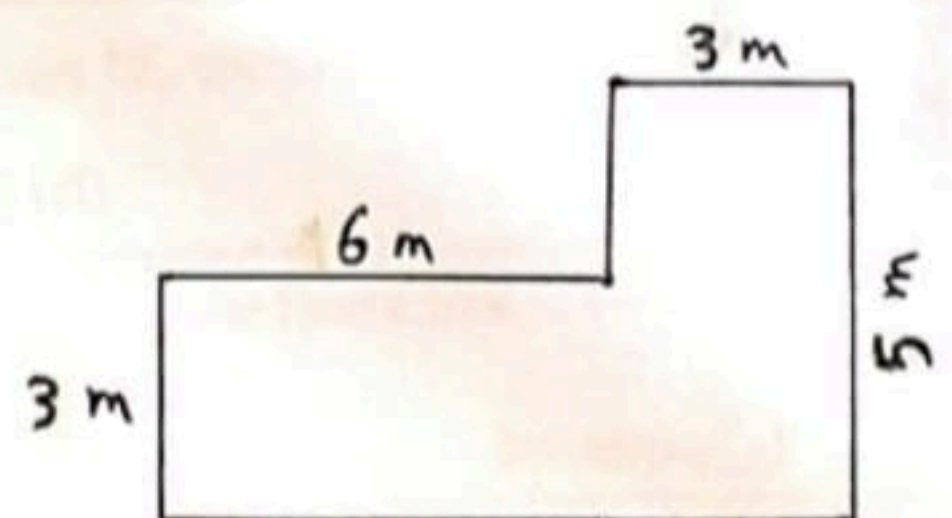
⑩ $59,764 < $ .....

   ( 59,000 , 49,999, 59765 , 59763)

# Test 5

① The smallest 6-digit number is .....

② 56 000 cm = .... m

③ 5 : 40 + 30 minutes = ... : ...

④ 82751 − 57893 = ....

⑤ (7 thousands and 4 tens) × 100 = ....

⑥ compose : 34567 then decompose is ...

..... ── ── ── ── ── ── ── ── ── ── ──

⑦ Y − 4682 = 3576 then Y = ....

⑧ write in standard form

$(8 \times 1,000,000) + (3 \times 1000) + (6 \times 10)$ ..........

⑨ 26457 ≃ ......... (round to nearest thousand)

⑩ <u>In opposite figure</u>

perimeter =

Area =

1) Complete the following:

a) 298.307 ≃……………..                    (To the nearest thousands)

b) 700 decaliters = ……………. km

c) The perimeter of the rectangle = ……………..

d) 90 L and 500 mL – 30 L =……… L + ……… mL = ……… mL

e) If the side length of square is 5 cm then it's area = …………….. cm²

2) Choose the correct answer:

a) 15,000 g = ................... kg

$$(1,500 \text{ or } 15 \text{ or } 150 \text{ or } 2)$$

b) 3 days and 20 hours = ................... hours.

$$(116 \text{ or } 68 \text{ or } 82 \text{ or } 92)$$

c) The property which is used in the problem (2×3) × 4 = 2 × (3 × 4)
   is ....................

(commutative or identity or associative or multiplying by zero)

d) What is the place value of digits 6 in the number 691,423...................

(Hundred thousands or ten thousands or 60,000 or 6,000,000)

e) A square with side length 5 cm, P = ..............................

$$(15 \text{ or } 10 \text{ or } 25 \text{ or } 20)$$

3) Match column (A) with the suitable in column (B):

| Column (A) | Column (B) |
|---|---|
| 1)The value of the digit 5 in the number 54,032 is …………… | a) 619 |
| 2)4,000,000 + 700,000 + 60,000 + 6,000 + 300 + 80 = ………….. | b) 8000 |
| 3)1,863 – 1,244 = …………………… | c) 40,700,663 |
| 4)810 hundreds = …………….. thousands | d) 50,000 |
| 5)800 tens=…………………… | e) 81 |
| | f) 4,766,380 |

**1)** Which number rounded to 700,000 when rounded to the nearest hundred thousand ?

    **A.** 784,452          **B.** 653,429          **C.** 760,304          **D.** 632,561

**2)** Which shows the numbers in order from least to greatest ?

    **A.** 102,397 , 102,395 , 102,359          **B.** 216,001 , 216,101 , 216,010

    **C.** 422,956 , 422,596 , 422,298          **D.** 575,029 , 575,209 , 575,290

**3)** What is 7,542,613 rounded to the nearest ten thousand ?

    **A.** 7,543,000          **B.** 7,540,000          **C.** 7,500,000          **D.** 8,000,000

**4)** Three milliard, six hundred million, thirty eight is estimated to ———— by front-end strategy.

**5)** What is the largest number that can be rounded to 3,700 when rounded to the nearest hundred ?

**6)** A student wrote the statement 65 – 42 = 42 – 65

    Why is this statement incorrect ?

    **A.** The associative property applies to addition but not subtraction.

    **B.** The commutative property applies to addition but not subtraction.

    **C.** The associative property applies to subtraction but not addition.

    **D.** The commutative property applies to subtraction but not addition.

**7)** 3,425 + 4,768 = 193 + ————

    **A.** 8                  **B.** 80

    **C.** 800              **D.** 8,000

**8)** How can $160 - 69$ be found using compensation strategy?

    **A.** Subtract $160 - 60$, then add 9

    **B.** Subtract $160 - 70$, then add 1

    **C.** Subtract $160 - 60$, then subtract 9

    **D.** Subtract $160 - 70$, subtract 1

**9)** Which answer using break up and bridge strategy to find $87 - 19$?

    **A.** $87 - 10 = 77$, $77 - 9 = 68$

    **B.** $87 - 20 = 67$, $67 + 1 = 68$

    **C.** $90 - 20 = 70$

    **D.** $90 - 19 = 71$, $71 - 3 = 68$

**10)** Solve the following problems using a strategy of your choice.

$$\begin{array}{r} 734 \\ -\,243 \\ \hline \end{array}$$

**11)** Salma solves this problem $\begin{array}{r} 2{,}524 \\ -\,1{,}352 \\ \hline 2 \end{array}$ What is her next step?

    **A.** Add 2 and 5 in the tens place.

    **B.** Subtract 5 from 2 in the tens place.

    **C.** Regroup the tens place and subtract 5 from 12

    **D.** Regroup the tens place and subtract 5 from 11

**12)** If $m - 12 = 4$, then $m =$ _____

**13)** In the bar model 

| 87 | |
|----|----|
| 27 | C |

, the equation which you can form for it is _____

14) A class is investigating how units of mass are related. Afterward, the students write a statement to explain their findings. Which statement is correct?
A. A gram is equal to 1,000 kilograms.
B. A kilogram is equal to 1,000 grams.
C. A kilogram is equal to 100 grams.
D. A gram is equal to 10,000 kilograms.

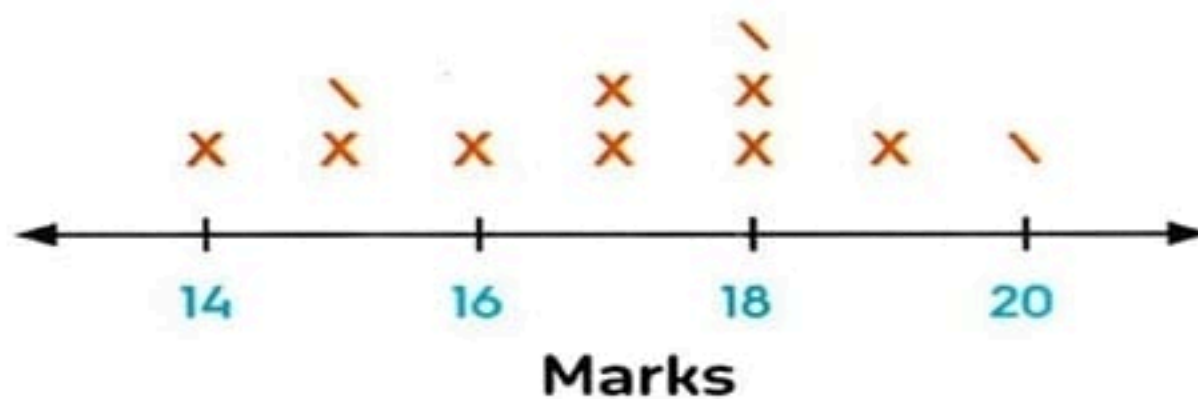15) $10\,L + 1,495\,mL = $ _____ $L,$ _____ $mL$

16) $3:07 - 42\,min = $ _____

17) 5 weeks, 5 days = _____ days.
A. 10                    B. 25
C. 40                    D. 50

18)



Marks

Key    x = 2 students

How many students are in the class in all ?
A. 14                              B. 19
C. 21                              D. 22

19) A square of side length 8 cm, its perimeter is _____

20) The length of a rectangle is l. The width is w. What is the formula to show the perimeter P?
A. $P = l \times w$           B. $P = l + w$
C. $P = (2 \times l) + (2 \times w)$
D. $P = (2 \times l) + w$
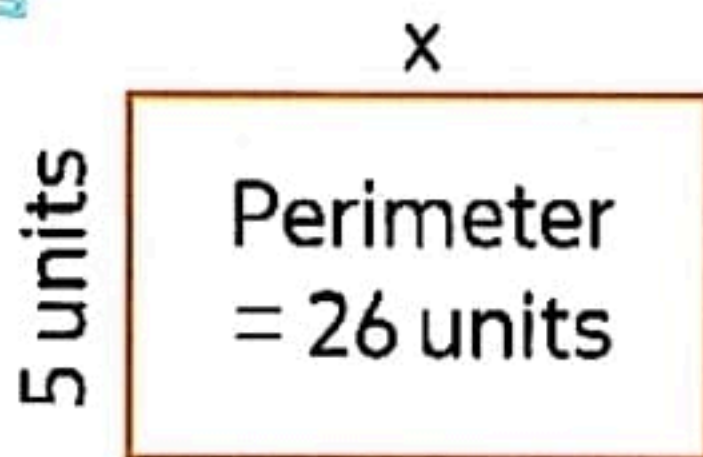
**21)** 📖

2 cm

9 cm

Area = —————————

Perimeter = —————————

**22) Find X**

X

5 units

Perimeter
= 26 units

**23)** The value of y is —————————

A. 4 cm

B. 6 cm

C. 10 cm

D. 8 cm
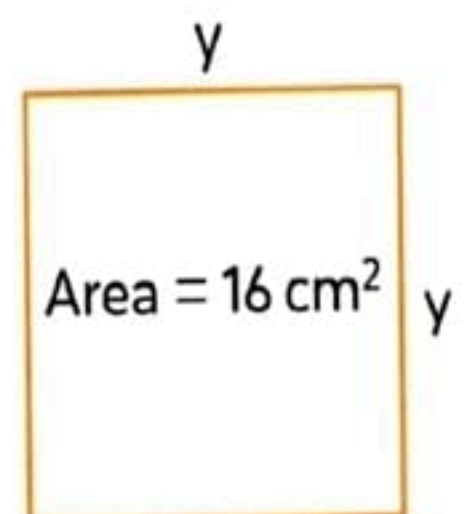
y

Area = 16 cm² | y

4

| Name : | Exam : Unit 1 |
|---|---|
| Math Grade 4 | First Term |

## 1.Choose the correct answer

1) 2,548 = ……………. (using front-end estimation)

    (a) 3,000               (b) 4,000               (c) 2,000

2) the smallest number formed from the digits 5, 8, 4, 3, 1, 0 and 2 is ……….

    (a) 1023458           (b) 0123458           (c) 8543210

3) the ten thousands digit in 3,586,458 is …………….

    (a) 5                  (b) 2                  (c) 9

4) ( 200 + 3 ) represent a …………

    (a) digit               (b) number           (c) numeral

5) 1000 thousands ………. One million

    (a) <                 (b) >                 (c) =

6) 2,548,157,525 ……………. 2,589,215,000

    (a) <                 (b) >                 (c) =

7) 2,589,108 = (2 x 1000000000) + (5 x …………….) + (8 x 1000) + (9 x 1000) + (1 x 100) + (8 x 1)

    (a) 100000          (b) 10000            (c) 1000

8) 1,215,485 < 1,215,☐85

    (a) 4                  (b) 5                  (c) 3

9) the value of the digit 5 in 2014578 is smaller than the value of 8 in 424875 by ……….. times

    (a) 10               (b) 100            (c) 10000

10)    one million is the smallest number formed from …… digits.

    (a) 7                  (b) 9                  (c) 10

## 1.Complete

1) the greatest 4 digits number is ………………

2) the digit ………… in the number 32,548 is in the thousands place

3) the value of digit 7 in 9,154,723,142 is ………………..

4) 5 milliard + 220 million + 12 thousands + 5 = …………………………..

5) 5,000 hundred = …………… thousands.

6) 700 ten millions = ……………..

7) ( two milliards, fifty five thousands, two hundred ) is written as

    ………………….               ( Standard Form )

8) 24,548,001 = …… Millions + ……Thousands + ……..

9) the number 32,207,456 is read as ………..

10)     the billion is the smallest number formed from ……………. digits.

## Answer the Questions

1) write the place value and the value of digit 5 in the following numbers

a) 235,594,458     …..………………..          …….…..………….

b) 844,215     ……….…...……….          …..……….…….

2)  Round each number to the place of the underline digit.

a) 25$\underline{2}$,548 ……………………          b) 9,6$\underline{4}$5 ……………….…...

3) write each of the following numerals in standard form and arrange in an ascending order

- 200,000 + 50,000 + 3,000 + 90
- 233,090
- Two hundred fifty two thousands, three hundred eighty one

| Standard form | Ascending order |
|---|---|
|  |  |
|  |  |
|  |  |

4)

| Millions | | | Thousands | | | Ones | | |
|---|---|---|---|---|---|---|---|---|
| H | T | O | H | T | O | H | T | O |
| 5 | 0 | 1 | 5 | 1 | 0 | 0 | 5 | 0 |

a) Standard Form ……………………………………………………………………

b) Word From………………………………………………………………………..

………………………………………………………………………………………

c) Decomposed Form ……………………………………………………………..

………………………………………………………………………………………

| Name : | Exam : Unit 1 |
|---|---|
| Math Grade 4 | First Term |

## 1. Choose the correct answer

1) 2,548 = …………….. (using front-end estimation)

(a) 3,000       (b) 4,000       **(c) 2,000**

2) the smallest number formed from the digits 5, 8, 4, 3, 1, 0 and 2 is ……….

**(a) 1023458**       (b) 0123458       (c) 8543210

3) the ten thousands digit in 3,586,458 is ……………..

(a) 5       (b) 2       **(c) 8**

4) ( 200 + 3 ) represent a …………

(a) digit       (b) number       **(c) numeral**

5) 1000 thousands ………. One million

(a) <       (b) >       **(c) =**

6) 2,548,157,525 ……………. 2,589,215,000

**(a) <**       (b) >       (c) =

7) 2,589,108 = (2 x 1000000000) + (5 x …………….) + (8 x 1000) + (9 x 1000) + (1 x 100) + (8 x 1)

**(a) 100000**       (b) 10000       (c) 1000

8) 1,215,485 < 1,215,☐85

(a) 4       **(b) 5**       (c) 3

9) the value of the digit 5 in 2014875 is smaller than the value of 5 in 4324577 by ……….. times

(a) 10       **(b) 100**       (c) 10000

10) one million is the smallest number formed from …… digits.

**(a) 7**       (b) 9       (c) 10

## 1. Complete

1) the greatest 4 digits number is **9,999**

2) the digit **2** in the number 32,548 is in the thousands place

3) the value of digit 7 in 9,154,723,142 is **700,000**

4) 5 milliard + 220 million + 12 thousands + 5 = **5,220,012,005**

5) 5,000 hundred = **500** thousands.

6) 700 ten millions = **7,000,000,000** = **7 milliards**

7) ( two milliards, fifty five thousands, two hundred ) is written as
**2,000,055,200** ( Standard Form )

8) 24,548,001 = **24** Millions + **548** Thousands + **1**

9) the number 32,207,456 is read as **thirty two millions, two hundred seven thousands, four hundred fifty six**

10)  the billion is the smallest number formed from **10** digits.

## Answer the Questions

**1) write the place value and the value of digit 5 in the following numbers**

a) 237,594,438   **hundred thousands**         **500,000**

b) 844,215   **ones**         **5**

**2)  Round each number to the place of the underline digit.**

a) 25**2**,548  **253,000**       b) **9**,645  **10,000**

**3) write each of the following numerals in standard form and arrange in an ascending order**

- 200,000 + 50,000 + 3,000 + 90
- 233,090
- Two hundred fifty two thousands, three hundred eighty one

| Standard form | Ascending order |
|---|---|
| 253,090 | 233,090 |
| 233,090 | 252,381 |
| 252,381 | 253,090 |

**4)**

| Millions | | | Thousands | | | Ones | | |
|---|---|---|---|---|---|---|---|---|
| H | T | O | H | T | O | H | T | O |
| 5 | 0 | 1 | 5 | 1 | 0 | 0 | 5 | 0 |

a) Standard Form **501,510,050**

b) Word From **five hundred one millions, five hundred ten thousands, fifty**

c) Decomposed Form **500,000,000 + 1,000,000 + 500,000 + 10,000 + 50**

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